Met Office

Mountain Weather Forecast

Peak District National Park

Forecast valid from 06:00 on Thursday 02 Feb 2023 until 23:59 on Friday 03 Feb 2023

Forecast Issued on Thursday 02 Feb 2023 at 00:31

Confidence: High for the mostly dry spell, but lower for the cloud detail.

Headline for Thursday 02 Feb 2023: Rather cloudy start with some light rain, but turning largely dry from late morning with some brighter spells developing. Strong summit winds.

Mountain weather hazards on Thursday 02 Feb 2023

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales Low Likelihood	**Severe chill effect** Low Likelihood	**Poor visibility** Low Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
FOG					
Fog	Cloudy	Cloudy	Cloudy	Cloudy	Cloudy
Precipitation probability					
30%	20%	10%	<05%	<05%	10%

Forecast for Thursday 02 Feb 2023

Weather: A cloudy start to the day with occasional patchy light rain and drizzle, but most staying dry from late morning with brief afternoon brighter spells developing. Windy.

Chance of cloud-free hill tops above 600m: 20% at first, becoming 70% for afternoon

Low cloud and visibility: Extensive cloud expected at first above 500-600m, although the cloud base is likely to rise for the afternoon, with cloud below summits becoming patchy. Visibility will be mostly good, but poor in drizzle perhaps a couple of kilometres, and very poor in cloud down to around 100m.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
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Forecast for Thursday 02 Feb 2023

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	28/35 W	27/36 W	28/38 W	27/37 W	27/37 W	29/40 W	30/42 W
300	22/30 W	17/26 W	20/30 W	19/29 W	20/31 SW	21/31 SW	22/32 W
Valley	14/30 W	13/27 W	13/28 W	14/30 W	13/29 SW	14/31 W	15/32 W

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	5/-1	5/-2	5/-2	5/-1	5/-1	5/-2	4/-2
300	7/2	7/2	8/3	8/4	7/3	7/3	7/2
Valley	7/4	7/4	8/5	8/5	8/4	8/4	8/4
Freezing Level*	1500m	1300m	1200m	1200m	1200m	1300m	1900m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Wind speeds may gust up to 40-50mph over the highest summits and more exposed ridges, especially during the evening. This will give difficult walking conditions with a risk of being blown off balance. Be prepared for sudden wind increases on lee slopes.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
03:00 on Thu 02 Feb 2023	1.6mm	7.2mm	7.2mm

Forecast for Friday 03 Feb 2023

Weather: A cloudy day with occasional light rain and drizzle. Drier and brighter conditions likely developing through the afternoon.

Maximum wind: West mean 20-25mph with gusts reaching 35-40mph across more exposed ridges and summits, easing for the afternoon.

Chance of cloud-free hill tops above 600m: 30% becoming 70% for the afternoon

Low cloud and visibility: Moderate or poor in rain and drizzle, very poor within cloud with bases quite extensive down to 500m, lifting and breaking for the afternoon.

Temperature: **Valleys:** Plus 5 Celsius increasing 11 Celsius for the afternoon
At 600m: Plus 5-6 Celsius
Freezing level: Above summits

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